

KARL THOMAS

WEB DEVELOPER

Summary

A Ohio-California transplant into Chicago, driven by curiosity into the Tech Industry. My goal is to continuously learn useful design practices and implement interesting technologies with fellow developers who show empathy in their work and world-view. I have a love for quirky code and elegant solutions, and am currently looking for a role under mentorship with room to develop.

Experience

Mentor Chicago, Illinois Dev Bootcamp May 2016 to Current

- Help others learn new programming concepts and tech stacks.
- Pair program with students to build a more solid foundation for their own learning.
- Lead lectures on OOP and a few core concepts of Javascript.

Projects

Automatic-blog Jul 2017 to Current

This blog will write itself using APIs of websites and applications I use most, such as Github, Spotify, and Twitter.

- Ruby on Rails framework with MongoDB for the back end
- Served to a Node front end with React and D3

Witness Me Apr 2017 to Apr 2017

Witness Me allows users to challenge each other to various friendly bets. To make things interesting, bets can range from \$1 to \$10. A witness must be present to determine the winner. The winner receives the pot of money placed in the initial bet.

- Challenges initiated and confirmed in real time using a web socket "handshake"
- Ruby on Rails, JavaScript, Redis, Postgresql, Dwolla API, Twilio API, Amazon Web Services, Heroku

Volunteering

Living Works · Volunteer Instructor Oct 2017 to Current Rogers Park, Illinois

- Help 4-6th graders in CPS understand the basics of HTML and CSS.
- Teach children about computer science before someone tells them that it's only for certain kinds of people.

CodeNow · Volunteer Instructor Jun 2017 to Sep 2017 Chicago Illinois

- Taught highschool student the basics of HTML, CSS, jQuery, and Ruby on Rails basics.
- Paired with students in groups of 4-6 to strengthen communication skills.

Contact

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Skills

TECHNICAL SKILLS

Ruby
Ruby on Rails
Javascript
Git Workflow
Agile Development
Test Driven Development
PostgreSQL
HTML 5
CSS
React.js

INTERESTS

Bass Guitar
Hiking
Online Communities
Kotlin
Traditional Arts
Elixir
Game Development
Machine Learning
Vegan Recipes

Education

Dev Bootcamp Graduate Web Development 2017

18-week immersive full stack web development course that included over 1,000 hours of solo and pair programming.
Workplace dynamics training emphasized soft skills throughout the program.